

Appl. No. 10/605,687
Amdt. Dated: Dec. 9, 2005
Response to Office Action Dated Sep. 19, 2005

Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in this application:

1. (original) An oilfield treatment composition comprising a mixture of a solid acid-precursor and a solid acid-reactive material.
2. (original) The composition of claim 1 wherein the mixture is a physical mixture of particles.
3. (original) The composition of claim 1 wherein the solid acid-precursor and the solid acid-reactive material are present in the same particle.
4. (original) The composition of claim 3 wherein the solid acid-precursor surrounds the solid acid-reactive material.
5. (original) The composition of claim 4 wherein the solid acid-reactive material is soluble in water.
6. (original) The composition of claim 5 wherein the solid acid-reactive material is boric acid or borax.
7. (original) The composition of claim 1 wherein the solid acid-precursor is selected from the group consisting of lactide, glycolide, polylactic acid, polyglycolic acid, copolymers of polylactic acid and polyglycolic acid, copolymers of glycolic acid with other hydroxy-, carboxylic acid-, or hydroxycarboxylic acid-containing moieties, copolymers of lactic acid with other hydroxy-, carboxylic acid-, or hydroxycarboxylic acid-containing moieties, and mixtures thereof.
8. (currently amended) The composition of claim 1 wherein the solid acid-reactive material is substantially insoluble in water.
9. (original) The composition of claim 8 wherein the solid acid-reactive material is selected from the group consisting of magnesium hydroxide, calcium carbonate, aluminum hydroxide, calcium oxalate, calcium phosphate, aluminum metaphosphate, sodium zinc potassium polyphosphate glass, and sodium calcium magnesium polyphosphate glass.

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10. (original) The composition of claim 1 wherein the solid acid-precursor is coated with a hydrolysis-delaying material.
11. (original) The composition of claim 4 wherein the solid acid-precursor surrounding the solid acid-reactive material is coated with a hydrolysis-delaying material.
12. – 14. (withdrawn)
15. (new) The composition of claim 1 wherein the mixture of a solid acid-precursor and a solid acid-reactive material forms a self-destructing filter cake.